

★ BERN/ Q51 Q52 04-234783/28 ★ WO 9415080-A1  
Internal combustion engine with alternative distribution system for  
2 and 4 strokes - has rotating distribution on head that replaces  
elements of known systems and integrated accumulation lung  
exploiting air reserve in carter (Eng)

BERNARDINI A 92.12.22 92WO-IT00167

(91.07.07) F02B 33/26, F01L 7/02

N(AU BR HU JP PL RU US) R(AT BE CH DE DK ES FR GB GR IE  
IT LU MC NL PT SE)

An integrated accumulation lung is provided in the head with two  
shafts rotating at quarter of quarter of speed of the engine that  
exploits the air reserve in the carter (C). Air is accumulated with  
pouring off from carter into a container or into a lung.

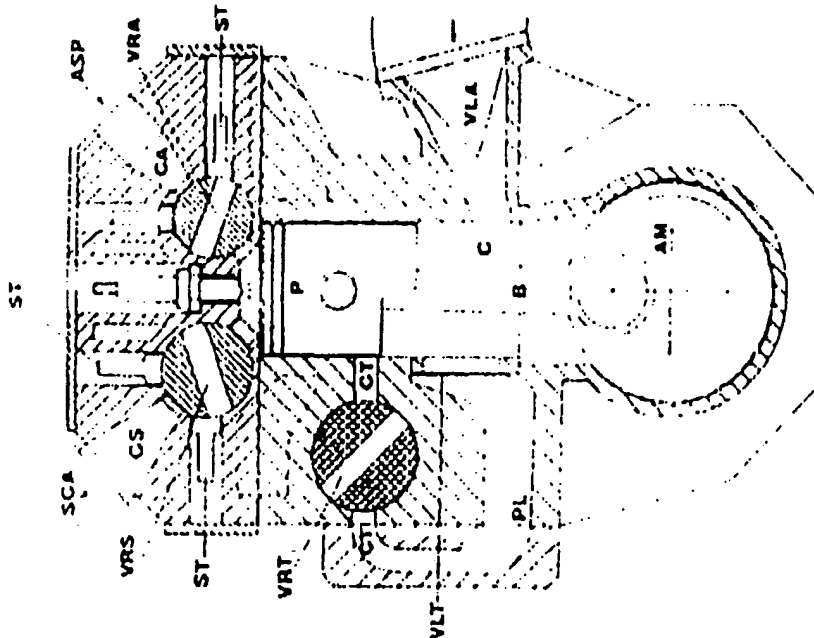
The intake and discharge of the engine occurs by valves VRA and  
VRS onto which radial openings are provided for passage of the air-  
petrol mixture and the exhaust gases. The intake has lateral inlet in  
nollow shaft with a light for the passage of the mixture and rotates at  
half the speed of the engine, with equal discharge in number of  
lights.

ADVANTAGE - Achieves high performance with respect to  
conventional engines, with the same displacement and without over-  
feeding. (2app Dwg. No. 1/12)

CT: 03Jnl. Ref DE3218778 EP408079 EP518832 FR2662214

GB2028020 JP61049130 JP61207824 JP63016110 US595607

NO4-185519



© 1994 DERWENT PUBLICATIONS LTD.

Derwent House, 14 Great Queen Street, London WC2B 5DF England, UK

US Office: Derwent Inc., 1313 Dolley Madison Blvd., Suite 401, McLean VA 22101, USA

Unauthorised copying of this abstract not permitted



DERWENT

Scientific and Patent Information

BEST AVAILABLE COPY